FY 2011 Capital Budget TPS Report 51288v1

Agency: Commerce, Community and Economic Development

**Grants to Unincorporated Communities (AS 37.05.317)** 

**Grant Recipient: Pedro Bay** 

Project Title: Project Type: Planning and Research

# Pedro Bay - Pedro Bay Hydroelectric Feasibility and Planning

State Funding Requested: \$75,000 House District: 36 / R

Future Funding May Be Requested

## **Brief Project Description:**

To complete reconnaissance and feasibility studies for hydroelectric development in Pedro Bay.

# **Funding Plan:**

<b>Total Cost of Pro</b>	ject: \$1,43	2,213						
	Funding Secured		Other Pending	<u>Requests</u>	Anticipated Future Need			
	Amount	FY	Amount	FY	Amount FY			
Federal Funds	\$29,500	2009			\$230,000			
State Funds					\$1,100,000			
Local Funds	\$3,062	2009						
Total	\$32,562	_			\$1,330,000			

Explanation of Other Funds:

It is hoped that a combination of federal and state funding can be acquired to cover this phase of the project. As a preliminary estimate, the cost is projected to be in the realm of \$1,330,000.

## **Detailed Project Description and Justification:**

Reconnaissance Study - engineering consultant will conduct field reconnaissance of three identified hydro resources, and provide a letter report to include recommendation for preferred resource for further study. Feasibility Study - engineering consultant will prepare preliminary designs, collect additional field data, and develop conceptual designs to include selection of facility sites, survey and measurement of flow resources, geotechnical investigation, integration with existing diesel generation, estimate of development costs, permitting requirements, estimate of available energy and capacity offered by the project, and assessment of benefits to community.

### **Project Timeline:**

Recon Study- fieldwork in Spring 2009, study to be summer 2009, will be covered with local & other federal funding that Pedro has been secured (\$32,562). Feas. Study - It is hoped that addt'l fieldwork can begin in fall 2009,the study to be completed by year-end. Funding for this phase is being requested from the State in the amount of \$69,651. Design, Permitting, & Construction - design & permitting would likely commence in 2010 as add'l funding is secured, constr. anticipated in 2011.

### **Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Pedro Bay Village Council & Electric Utility

For use by Co-chair Staff Only:

\$75,000

APPROVED

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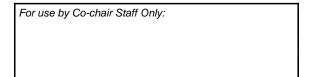
<b>Grant Rec</b>	Recipient Contact Information:  John Baalke, Administrator s: PO Box 47020					
Name:	John Baalke, Administrator					
Address:	PO Box 47020					
	Pedro Bay, AK 99647					

Phone Number: (907)850-2225

Email: thecouncil@pedrobay.com

Has this project been through a public review process at the local level and is it a community priority? X Yes No

Contact Name: Charisse Arce Contact Number: 465-3271



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# Pedro Bay Reconnaissance and Feasibility Study of Hydroelectric Potential BUDGET INFORMATION

BUDGET SUMMARY:

Funds (In-Kind) Other Funds TOTALS 2.00 \$32,562.0 \$69,651.0 \$69,651.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.00 Total Project:		TOTAL DIRECT CHARGES \$32,562.00 \$69,651.00 \$	Other Direct Costs \$0.00 \$0.00	\$29,500.00 \$66,	Equipment \$270.00 \$270.00	Travel, Meals, or Per Diem \$1,035.00 \$1,035.00	Direct Labor and Benefits \$1,757.00 \$2,346.00	BUDGET CATEGORIES: 1 2	Wilestone # or Task #	50	S	4	ίω.	2 Feasibility Study \$69,651.00	1 Reconnaissance \$29,500.00 \$3,062.00	Milestone or Task Federal Funds State Funds Funds (Cash)
Other Funds TOTALS \$32,562.0 \$69,651.0 \$6.0 \$0.0 \$0.0 \$0.0 \$0.0 Total Project:		\$0.00 \$0.						ш							52.00	
TOTALS \$32,562.0 \$69,651.0 \$0.0 \$0.0 \$0.0 \$0.0																
	Total Project:			 	 ·			6 TOTALS		\$0.00	\$0.00	\$0.00	\$0,00	\$69,651,00	\$32,562,00	TOTALS

Sheet1